United States Department of Agriculture Natural Resources Conservation Service

OMB No. 0578-0030 NRCS-PDM-20

DAMAGE SURVEY REPORT (DSR) Emergency Watershed Protection Program – Recovery

Section 1A			
Date of Report: March 29, 2006	Elig	CS Entry Onlyible: Yoroved: Y	Y ES X NO
DSR Number: DSR 019-05-084R Project Number	ber: Fund	ding Priority	Number (from Section 4) 3de Area: YES \ NO \
Section 1B Spor Sponsor Name: <u>Gravity Drainage District No 8 Ward One</u>			
Address: 2841 Goos Road			
City/State/Zip: _Moss Bluff, LA 70611			
Telephone Number: <u>337-855-4388</u> Fax:			Ŧ
Section 1C Site Lo		rmation	
		District: 7	
Latitude: <u>30.3483</u> Longitude: <u>-93.1264</u> Section	i: <u>8 S</u>	Township:	<u>8 W</u> Range: <u>24</u>
UTM Coordinates:			
Drainage Name: <u>Lateral BB-1 Blackman Bayou</u> Re	each: 2 Ro	eaches on cha	nnel for 5.100 LF total
Damage Description: <u>Channel Debris</u>			
Section 1D Si	ite Evaluat	ion	
All answers in this Section must be YES in order to be eligible for h	EWP assist	ance.	
Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	X		
Recovery measures would be for runoff retardation or soil	X		
erosion prevention?* Threat to life and/or property?*	X		
• • •			
Event caused a sudden impairment in the watershed?*	X		
Imminent threat was created by this event?**	X		
For structural repairs, not repaired twice within ten years?**	X		
Site Defensibility	etgletegt tag a agar		
Economic, environmental, and social documentation adequate to	X	1 (1996) 45 (1996), 14	
warrant action? (Go to pages 3, 4, 5 and 6 ***)			
Proposed action technically viable? (Go to Page 9 ***)	X		
			1
Have all the appropriate steps been taken to ensure that all segment	s of the affe	cted populati	on have been informed of the EWP
program and its possible effects? YES X NO			
Commentar CDD has been consulted			
Comments: GDD has been consulted			
Statutory			

^{*} Statutory

** Regulation

*** DSR Pages 3 through 6 and 9 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.1 of 14

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Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A: Debris will be removed from the channel via the east side of the channel burned and buried on site. The west side may only be used when necessary to minimize damages to the site. The alternative is to remove debris from both sides and burn and bury on site.

Total installation cost identified in this DSR: Section 3: \$

Section 1F NRCS State Office Review and Approval

Reviewed By:

4/26/06

Approved By:

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516. 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95-334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs. reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.)

Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write USDA, Director of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-941 0 or call (800)795-3272 (voice) or (202)720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes; namely, Section 504 or the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

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Section 2 Environmental Evaluation

2A Resource	2B Existing		ection 2 Environmental		es and Effect	e				
Concerns	Condition		Proposed Action		No Action	Alternative				
Concerns		Remove debris	by using one side removal frommel (where possible).Burn and e sec. 1E for specific info.	rom Leave logs and		Remove debris by working both sides on channel. Burn and bury debris onsite.				
			2D I	Effects of	f Alternatives					
Soil										
Bank erosion	around upr	for exposed soil ooted trees on m bank.	Cause temporary increase in bank erosion from removal of root mass and construction activities on east side of channel	Erosion from root mass will stabilize, but increased upstream flooding will cause additional bank		will stabilize, but increased upstream flooding will erosion from and construc		Cause temporary increase in bank erosion from removal of root mass and construction activities on both sides of channel		
Compaction	No co	mpaction	Heavy equipment will cause minor soil compaction at access points	No o	compaction	Heavy equipment will cause minor soil compaction at access points				
Water										
Flooding	is subjec flooding	upstream of debris t to damages from after future heavy nfall events	Upstream flooding will be reduced and damage to property will be minimized from heavy rainfall events	debris bl subject to future	ty upstream of lockage will be o damages from heavy rainfall events.	Upstream flooding will be reduced and damage to property will be minimized from heavy rainfall events				
Excessive sediments and turbidity	Minor t	n flow minimal. urbidity present.	Disturbance from heavy equipment will cause short term increase in sediment, but reduce long term impacts.,	turbidity result of erosion and following	nentation and will increase as of stream bank nd scour erosion g heavy rainfall.	Disturbance from heavy equipment will cause short term increase in sediment, but reduce long term impacts				
Stream health		5.1 (poor)	6.1 (fair)	5.	.1 (poor)	6.1 (fair)				
(including SVAP) Air)									
Particulate	No	effect	Increase during debris	N	No effect	Increase during debris removal and				
matter	110	Circu	removal and burning	1	to criect	burning				
Plant										
Productivity hea and vigor of riparian	wind blo regenera	riparian trees are own. Natural tion will occur the canopy has been	Some standing and downed trees will be removed for equipment access on east side as required	distur	trees will be rbed, Natural ation will occur canopy has been	Some standing and downed trees will be removed for equipment access on both sides as required.				
vegetation. Productivity, health and vigor stream aquati vegetation.	r of Aquation filamous phytopl rooted	co sunlight. c plants limited to entous algae and ankton. Very little d submergent or ted vegetation	Project will not significantly impact aquatic vegetation. Some decrease in algae from improved flow and slight increase in submergent vegetation with clearer water	opened. Stream aquatic growth will be the same as existing condition with some algae growth and limited submergent		Project will not significantly impact aquatic vegetation. Some decrease in algae from improved flow and slight increase in submergent vegetation with clearer water				
Animal			vegetation with elearer water		egetation.					
Inadequate cover/shelter fo wildlife along stream corrido	present segm	in forest buffers in undeveloped ents of stream.	Some temporary reduction in cover on east side where some trees and cover will be removed for access and removal.	will remai where	riparian buffers in along stream not already leared.	Some temporary reduction in cover on both sides of channel where some trees and cover will be removed for access and removal				
Inadequate cover/shelter fo stream fisherie	provided and over Debris movement is limit	dant fish cover I by downed trees rhanging canopy. is blocking fish at. Water quantity ing factor along tion of reach	Debris will be removed reducing stream cover, but adequate amounts will remain.	Fish cover will remain the same. Fish movement restricted. Water quantity and quality most limiting factors		the same. Fish movement restricted. Water quantity and quality most limiting		the same. Fish movement restricted. Water quantity and quality most limiting		Debris will be removed reducing stream cover, but adequate amounts will remain.
Other	Por									
aesthetics	channel appear	nts of debris in degrades channel rance and water quality	Access from one side will reduce impact to existing riparian buffer.	de	etics remain graded.	Access from both sides will remove considerable amount of trees resulting in more riparian loss.				
Mosquito and insect vectors		r in channel is tive to mosquito habitat.	Reduced flooding will reduce mosquito habitat in channel and adjacent floodplain	habitat for	pools providing mosquitos will due to flooding	Reduced flooding will reduce mosquito habitat in channel and adjacent floodplain				

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Section 2E Special Environmental Concerns

Resource	Existing Condition	Alternatives and Effects				
Consideration		Proposed Action	No Action	Alternative		
Clean Water Act Waters of the U.S.	Moderate water quality. No obvious contaminants	Improve water quality. CWA permit needed. Water quality certification needed.	Decreased water quality. Increased blockage and flooding.	Improve water quality. CWA permit needed. Water quality certification needed.		
Coastal Zone Management Areas	N/A	N/A	N/A	N/A		
Coral Reefs	N/A	N/A	N/A	N/A		
Cultural Resources	Use FOTG guidance. State level review needed.	Use FOTG guidance. State level review needed.	Use FOTG guidance. State level review needed.	Use FOTG guidance. State level review needed.		
Endangered and Threatened Species	(FOTG) Federal/state listed. None observed on site.	(FOTG) Federal/state listed. None observed on site.	(FOTG) Federal/state listed. None observed on site.	(FOTG) Federal/state listed. None observed on site.		
Environmental Justice	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area	Not a factor in this project area		
Essential Fish Habitat	No essential fish habitat in this project area	No essential fish habitat in this project area	No essential fish habitat in this project area	No essential fish habitat in this project area		
Fish and Wildlife Coordination	No stream modification proposed	Will coordinate if issues arise in CWA 404 permit application process.	N/A	. Will coordinate if issues arise in CWA 404 permit application process		
Floodplain Management	!00 year floodplain function is impaired.	100 floodplain function is restored	!00 year floodplain function remains impaired.	100 floodplain function is restored		
Invasive Species	Chinese Tallow present in large numbers along stream segment.	Will remove some invasive trees at access locations allowing increased control opportunities.	Chinese Tallow continue to increase as natural part of invasion.	Will remove some invasive trees at access locations allowing increased control opportunities.		
Migratory Birds	Provides habitat for neotropical migrants.	Minimal impact on netropical migrants where trees are removed.	Continue to provide same level of habitat.	Minimal impact on netropical migrants where trees are removed.		
Natural Areas	Use FOTG guidance. No natural areas identified in project area.	Use FOTG guidance. No natural areas identified in project area.	Use FOTG guidance. No natural areas identified in project area.	Use FOTG guidance. No natural areas identified in project area.		
Prime and Unique Farmlands	Contains Go, and BB neither are prime farmland.	Contains Go, and BB neither are prime farmland. No impact.	Contains Go, and BB neither are prime farmland.	Contains Go, and BB neither are prime farmland. No impact.		
Riparian Areas	Downed timber has reduced riparian habitat on both sides to some degree.	Some standing timber and riparian habitat will be removed on east side. Area will restore naturally	Downed timber and altered forest will remain until natural process restores habitat.	Some standing timber and riparian habitat will be removed on both sides. Area will restore naturally		
Scenic Beauty	Downed timber has reduced aesthetics of stream and riparian area.	Aesthetics will be improved by removing downed trees from within channel.	Downed timber in stream and along riparian area will continue to reduce aesthetics	Aesthetics will be improved by removing downed trees from within channel.		
Wetlands	Downed timber and debris has partially filled wetlands with debris and altered functions and values.	Removal of debris will restore wetlands to pre storm conditions	Wetlands functions and values will remain in current condition.	Removal of debris will restore wetlands to pre storm conditions		
Wild and Scenic Rivers	Not a scenic stream	Not a scenic stream	Not a scenic stream	Not a scenic stream		

Completed By:	Terry Johnston	Date: 03/31/06

DSR NO: __019-05-084R _____

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
2 Homes	\$167,548	.20	\$33,510
3Homes	\$138,759	.20	\$27,752
2 Mobile Homes	\$61,752	.20	\$1,424
2 Barns			
Properties Protected (Public)			
Business Losses			
Other			
Total Near Term Damage reduction			\$75,036
Net Benefit (Total Near Term Damage Reduc	tion minus Cost from Secti	ion 3)	\$

Completed By: H McDaniel_____ Date: 3-29-06

DSR NO: <u>019-05-084R</u> ___

Section 2G Social Consideration

This section must be completed by each alternative considered (attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of		X	
the watershed impairment?			
Is there the potential for loss of life		X	
due to damages from the watershed			
impairment?			
Has access to a hospital or medical facility		X	
been impaired by watershed impairment?			
Has the community as a whole been	X		Impairment increases flooding impact throughout the community.
adversely impacted by the watershed			If channel backwater flooding inundates Cardinal Road, access
impairment (life and property ceases to			may be limited. Loss of electrical power has been experienced.
operate in a normal capacity)			
Is there a lack or has there been a	X		Limited access by emergency vehichles, and to property by
reduction of public safety due to watershed			residents if flooding occurs,. Standing water will pose an
impairment?			additional health hazard due to increased insect populations

Completed By:	H McDaniel	Date:	3-29-06
Completed Dy.	11 MicDunici	Duic.	3 27 00

DSR NO:	019-05-084R	
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Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation		Number	
American Indian/Alaska Native Female Hispanic	Total	% effect	total eff
American Indian/Alaska Native Female Non-Hispanic	1	10.4%	0
American Indian/Alaska Native Male Hispanic			
American Indian/Alaska Native Male Non-Hispanic	4	10.4%	0
Asian Female Hispanic			
Asian Female Non-Hispanic			
Asian Male Hispanic			
Asian Male Non-Hispanic			
Black or African American Female Hispanic			
Black or African American Female Non-Hispanic			
Black or African American Male Hispanic			
Black or African American Male Non-Hispanic			
Hawaiian Native/Pacific Islander Female Hispanic			
Hawaiian Native/Pacific Islander Female Non-Hispanic			
Hawaiian Native/Pacific Islander Male Hispanic			
Hawaiian Native/Pacific Islander Male Non-Hispanic			
White Female Hispanic			
White Female Non-Hispanic	80	10.4%	8
White Male Hispanic			
White Male Non-Hispanic	73	10.4%	8
Total Group	158	10.4%	16

Total of 52 housholds=158 divided by 52=3.4 people per household. Five households effected = 52 divided by 5=10.4% of total population:

IF CARDINAL ROAD IS FLOODED A, TOTAL OF 36 RESIDENCES COULD BE EFFECTED= 36 X 3.4 PER HOUSEHOLD= 122.4 PEOPLE EFFECTED BY ACCESS LIMITATIONS.

Census tract(s) 22.01 Block 1000, Block 1002

Completed By: H McDaniel	Date: 3-29-06
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DSK NO.	017-03-00 4 IX	

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits: Access to channel from private properties will require easements/permissions to be obtained by sponsor. Recommend consultation of contractor for right of way access to channel to accommodate equipment being used. Coordination will be handled by NRCS representative to reduce amount of impact to surrounding environment.

Mitigation Description: Access to remove and dispose of debris from Blackman bayou will be from one side when possible to minimize impacts and reduce disturbances. This alternative will prevent impacts to both sides and minimize riparian disturbances. Propose action will help restore hydraulic function to downstream wetlands and reduce mosquito breeding areas and vector problems in adjacent floodplains. Action will be completed without interruption to reduce impacts to wildlife and local residents.

Agencies, persons, and references consulted, or to be consulted:

Corps of Engineers, New Orleans District Louisiana Department of Environmental Quality Louisiana Department of Wildlife and Fisheries Calcasieu Parish Government DSR NO: <u>019-05-084R</u> ___

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?		X		
2. Is this a site where there is serious, but not immediate threat to human life?		X		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	X			3-d, e,
4. Is this site a funding priority established by the NRCS Chief?		X		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?			Y	
a. Will the proposed action or alternatives maintain or improve current water quality conditions?			Y	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter	priority	computation	in	Section	1 Δ	NRCS	Entry	Funding	priority	number
Emer	priority	computation	Ш	Section	IA,	NICO	Enuy,	, runame	, priority	mumber.

Remarks:

DSR NO: __019-05-084R

Section 5A Findings

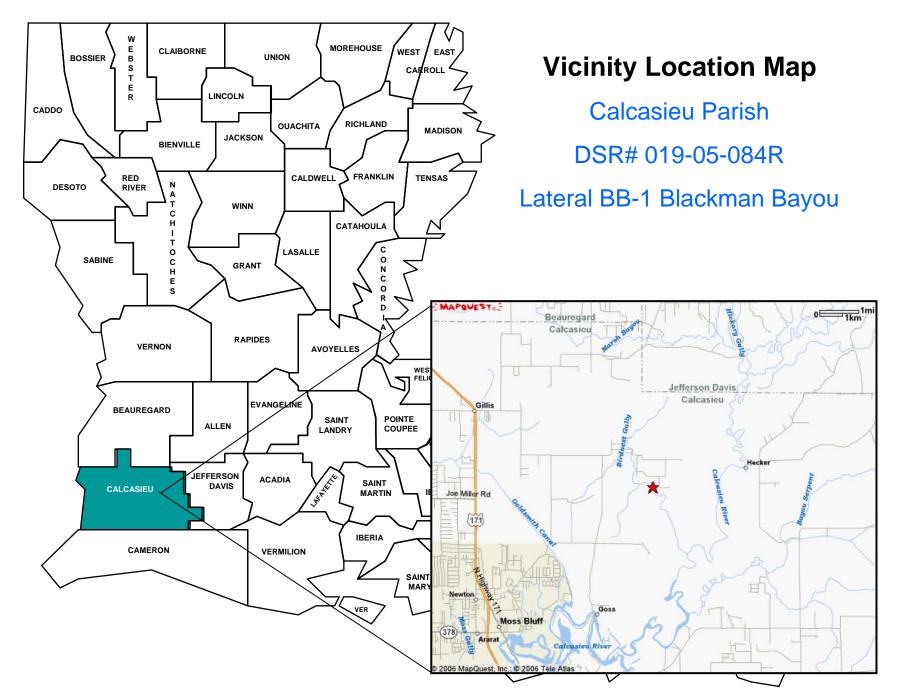
Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E): THE PROPOSED ACTION IS THE PREFERED ALTERNATUE. THIS ACTION IS THE LETET COSTLY ALTERNATIVE THAT ACHIEVES THE RESTRATION OBJECTIVES, MAKIMIZES ENVIRONMENTAL BENEFIES, AND IS SOCIALLY ACCEPTABLE. I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special

Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative: _X_ Has been sufficiently analyzed in the EWP PEIS (reference all that apply) Chapter _5.2.2.1.2 Chapter ____ Chapter ____ Chapter _____ Chapter _____ May require the preparation of an environmental assessment or environmental impact statemenThe action will be referred to the NRCS State Office on this date: NRCS representative of the DSR team Title: _____ Date: ____ **Section 5B Comments:** Sponsor Concurrence: June Sund **Section 5C Sponsor Representative** Title: FOREMAN Date: 4-5-06 **Section 6 Attachments:** A. Location Map

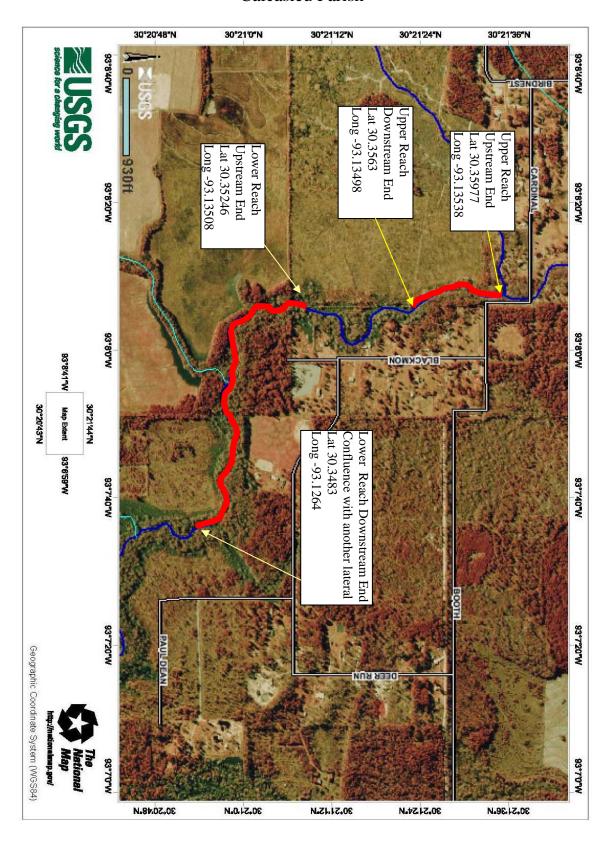
- B. Site Plan or Sketches
- C. Other (explain)

SECTION 6

ATTACHMENTS



SITE MAP DSR 019-05-084R Lateral BB-1 Blackman Bayou Calcasieu Parish



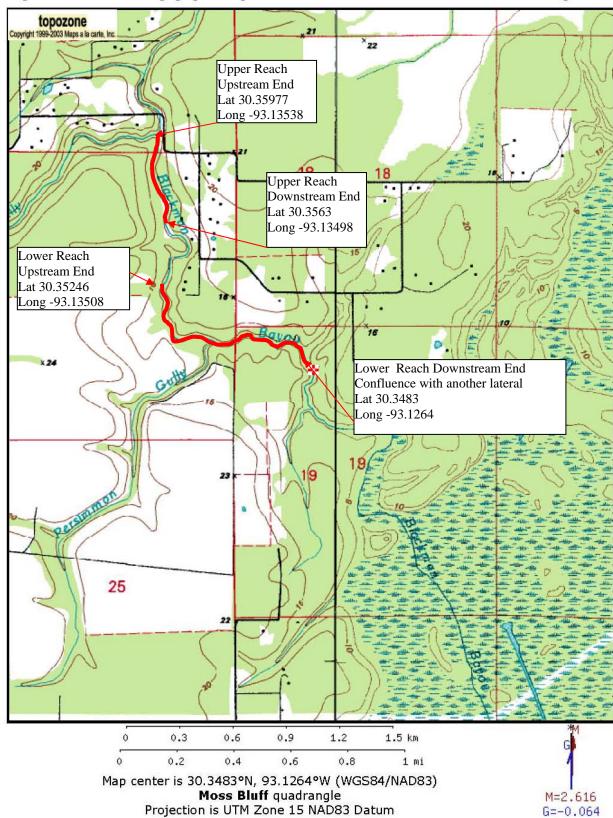
TOPO MAP DSR 019-05-084R

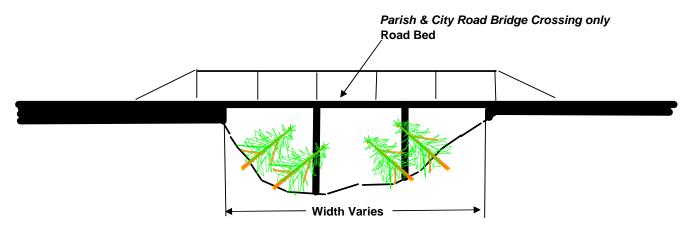
Lateral BB-1 Blackman Bayou

Calcasieu Parish

TopoZone - The Web's Topographic Map

Page 1 of 1

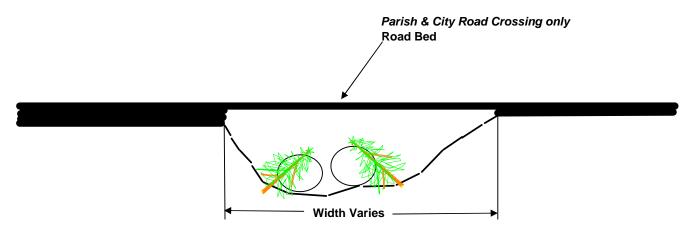




Note: Contract is to remove Debris from upstream and downstream Bridge which includes underside of bridge **Exception:** All Crossing which cross State or Federal highways are not included in contract

Typical Road Bridge Crossing Not to Scale

Notice: 48 Hours Before Digging Call 1-800-272-3020

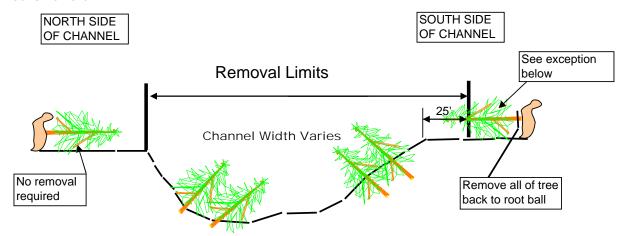


Note: Contract is to remove Debris from upstream and downstream Culverts which includes inside of culverts **Exception:** All Crossing which cross State or Federal highways are not included in contract

Typical Road Culvert type Crossing Not to Scale

Notice:

48 Hours Before Digging Call 1-800-272-3020

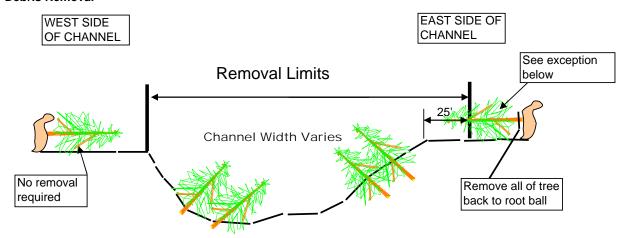


Typical Section Lower Reach

Notice: 48 Hours Before Digging Call 1-800-272-3020

*Note: Access and work from south side only, except in locations where structures do not permit as concurred in by the COTR

Exception it may be possible that trees which were located outside of the tree removal limits may have fallen into the removal limits, the entire tree will be removed back to the root ball even if only a portion of the tree is withinthe removal limits



Typical Section Upper Reach

Notice: 48 Hours Before Digging Call 1-800-272-3020

*Note: Access and work from east side only, except in locations where structures do not permit as concurred in by the COTR

Exception it may be possible that trees which were located outside of the tree removal limits may have fallen into the removal limits, the entire tree will be removed back to the root ball even if only a portion of the tree is withinthe removal limits

Channel Obstruction Evaluation

SITE	NFORMATION		
Parish:Calcasieu	Site: Blad	ckman Bayou, BB-1	
City: Moss Bluff	Oito, Diac	Allian Bayou, BB-1	
Sponsor: GDD # 8, Ward # 1	Reach:	BB1-D to BB1-K	
Date: March 29, 2006	Troubit.	Gas Pipel2 to BB1-P	
Evaluation Team: McDaniel, Johnson, & Garner		Cas i ipeiz to BB i-r	

PHOTO NUMBERS AND BRIEF DESCRIPTION		WAYPOINTS (CIRCLE location and record in Decimal Degrees)		
Photo #	Description		30.34968, -93.13212	
			30.35885, -93.13539	

	IEARBY AND UPSTI (Fill in Numbers, V			
CHURCHES	SCHOO		PUBLIC FA	CILITIES
No. of Churches	No. of Schools		No. of Public Facilities	TOILITILO
HOMESITE	S		BUSINESSES	3
No. of Homesites		No. of Bu	sinesses	
Average Value of Homes (X \$1,000)			usinesses	S M I

		CROSSINGS ormaterial, size and length)
TYPE	MATERIAL	NUMBER, SIZE, & LENGTH
Bridge		HOMBER, DIZE, & LENGTH
Culverts		
Other or None		

	UTILITIES (CHECK the location of the utilities in the area		on)
X	Overhead (Power, Cable, etc.)	U/S	D/S
X	Buried (Gas, Sewer, water, etc.)	U/S	D/S
	Elevated Cross channel (Water, Gas, etc.)		
emarks:	Lievated Cross charmer (water, Gas, etc.)	U/S	D/S

	CHANNEL CHAR (CHECK appropriate box for slope a				FLOW
	SLOPES	DIMENSIONS	3		Is Water Flowing?
	1.5 : 1 or steeper	Top Width (ft.)	60	(YES	NO
X	1.5 : 1 through 3 : 1 Slope	Bottom Width (ft.)	30		oris accumulating? (i.e. Leaves, Trash
	Flatter than 3 : 1	Depth (ft.)	8	YES	

ACROSS		ded, and CIRCLE the size of		
CHANNEL		SIZE OF DEBRIS	BLOCKAGE % of X-Section Obstructed:	
X			% of X-Section Obstructed.	
X	Light	Moderate Heavy	(Less than 25%) 26%-50%	
		moderate (Heavy	51%-75% 76%-100%	
	X	X X Light	X X Light Moderate Heavy	

	WORK METHOD AND LOCATION (CHECK the box that best applies)
	Within Channel Floating Equipment (i.e. Barge or Marsh Buggy)
	Within Channel Non - Floating Equipment (Excavator/Track-hoe, Spider, etc)
(From Top Banks
Α	CCESS TO SITE (Explain access issues and possible difficulties)